



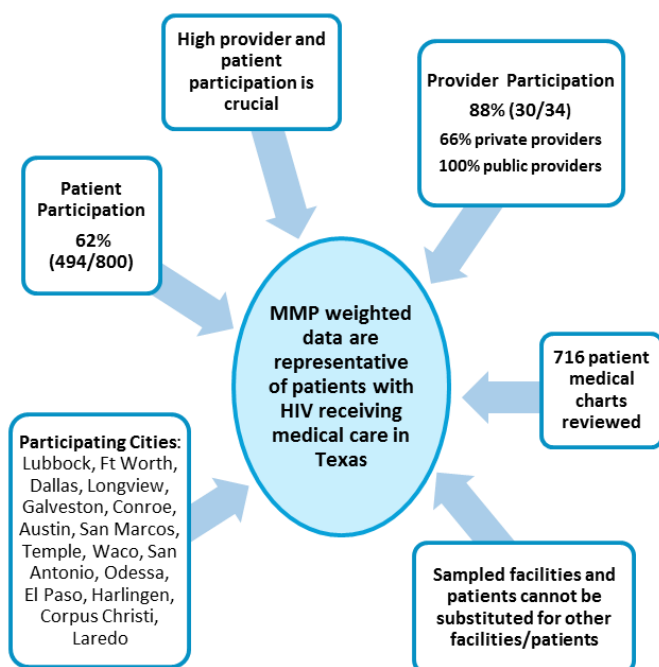
Medical Care & Experiences of Patients with HIV in Texas

Texas Medical Monitoring Project (2009-2010 weighted data)

What is the Medical Monitoring Project (MMP)?

- MMP is an ongoing population-based surveillance system to assess clinical outcomes and behaviors of HIV-infected adults receiving care in the United States.
- Data are collected from patient interview and medical chart review.
- It is currently conducted in 17 states and 6 cities by local and state public health departments in collaboration with the Centers for Disease Control and Prevention (CDC).
- Texas MMP and Houston MMP are separately funded. The data below excludes Houston MMP.

Who participated in Texas MMP 2009 & 2010?



- The data are weighted for non-response bias to adjust for any significant differences between respondents and non-respondents in the interview.
- The 2009/2010 combined datasets are the first national MMP weighted datasets released to the 23 MMP project areas.

Figure 1. Health Insurance in the Past 12 Months, TX MMP, 2009-2010 (N=494) - Combined Self Report and Medical Chart Data

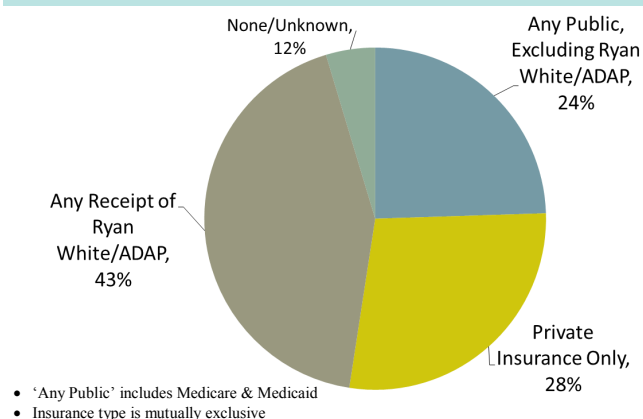


Figure 2. Patient Demographic Information

Race/Ethnicity & Age by Sex, TX MMP, 2009-2010 (N=494)

	Male n=376	Female n=118	Total n=494
White, non-Hispanic	164 (44%)	33 (28%)	197 (40%)
Black, non-Hispanic	76 (20%)	50 (42%)	126 (26%)
Hispanic	124 (33%)	26 (22%)	150 (30%)
Other**	12 (3%)	9 (8%)	21 (4%)
	Male n=376	Female n=118	Total n=494
18-24	12 (3%)	3 (3%)	15 (3%)
25-34	52 (14%)	31 (26%)	83 (17%)
35-44	118 (31%)	36 (31%)	154 (31%)
45-54	133 (36%)	36 (31%)	170 (34%)
55+	61 (16%)	11 (9%)	72 (15%)

****NOTE:** To protect MMP participant confidentiality the CDC restricts reporting of variables where n<3. 'Other' includes categories combined when n<3, such as Asian, Native Hawaiian/Pacific Islander, American Indian and Alaska Native.

Figure 3. Patient Reported Need and Unmet Need for Services, TX MMP, 2009-2010 (N=494)

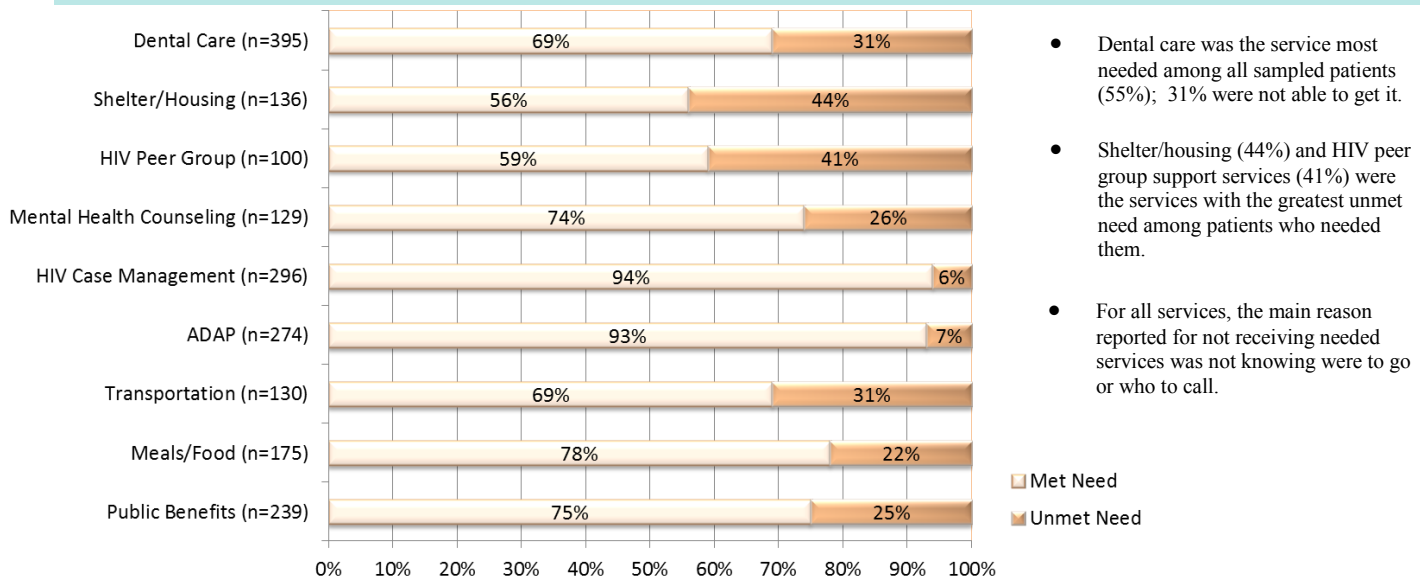
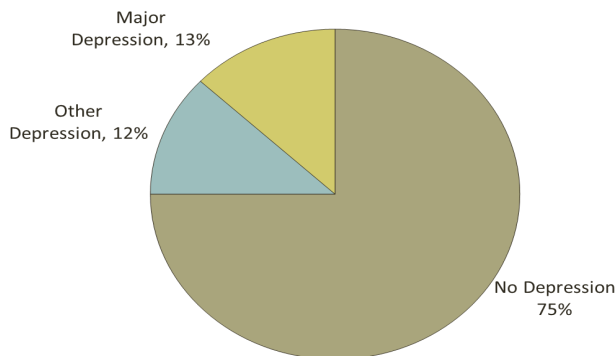


Figure 4. Current Depression Assessed by PHQ-8 Depression Scale, TX MMP, 2009-2010 (N=494)



- The PHQ-8 Questionnaire is a depression scale to measure depression disorders.
- 25% reported some form of depression using Kroenke & Spitzer algorithm to measure depression severity.
- As shown in Figure 3, over a quarter of participants who needed mental health services did not receive them.

Unprotected Sex (N=494)

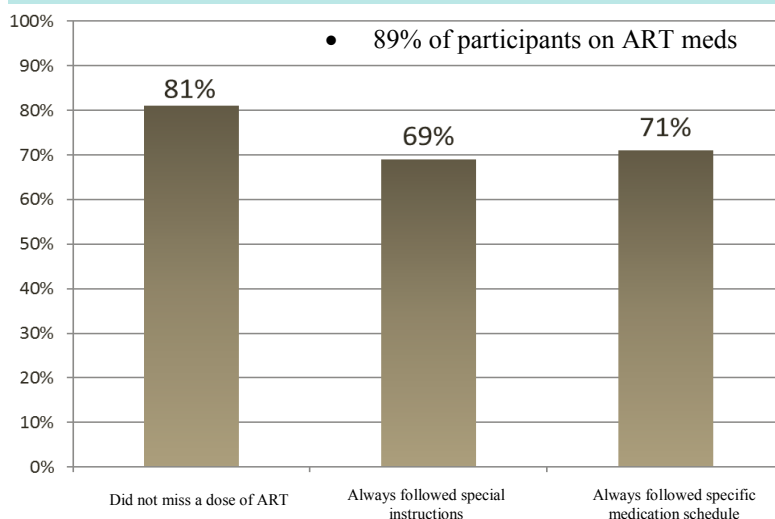
- 26% had unprotected sex at least once in the past 12 months, most of whom (70%) were 35 years or older.
- Of those who reported unprotected sex, 41% had sex with a partner HIV negative or of unknown status.

Figure 6. Received Prevention Counseling Provided by a Health Care Provider, TX MMP, 2009-2010 (N=494)

Characteristic	# Yes	No. in sample	Weighted %
Age grp. (yrs.)			
18-24	12	15	80%
25-34	43	83	52%
35-44	67	154	44%
45-54	47	170	28%
55+	17	72	24%
Sex			
Male	130	376	35%
Female	56	118	47%
Race/Ethnicity			
White, non-Hispanic	47	197	24%
Black, non-Hispanic	61	126	48%
Hispanic	66	150	44%
Other**	12	21	57%
Sexual Risk Behavior			
Any MSM (MSM only + MSMW)	99	281	35%
MWS only	26	83	31%
WSM (WSM only + WSMS)	54	113	48%
Other	7	17	41%
Total	186	494	38%

Older participants and those who identify as white, non-Hispanic were significantly less likely to report receiving prevention counseling (p=0.0009 and 0.0002, respectively).

Figure 5. Adherence to ART in the Past 72 Hours, TX MMP, 2009-2010 (N=494)



ROUTINE LAB TESTING AS DOCUMENTED IN PATIENT MEDICAL CHART

Figure 7. Most Recent Viral Load Result in the Past 12 Months, TX MMP, 2009-2010 (N=716)

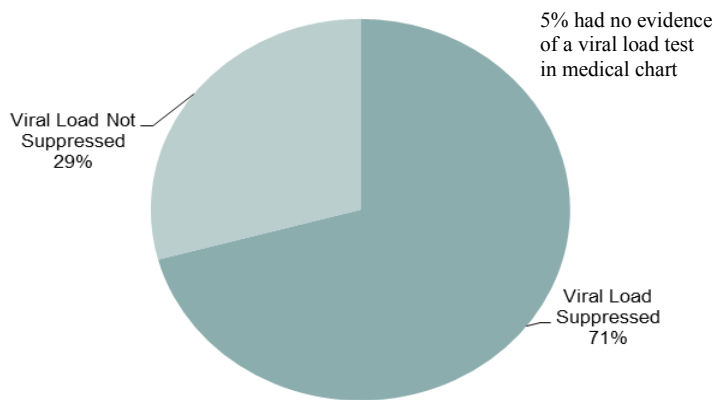


Figure 10. Most Recent CD4 Count in the Past 12 Months, TX MMP, 2009-2010 (N=716)

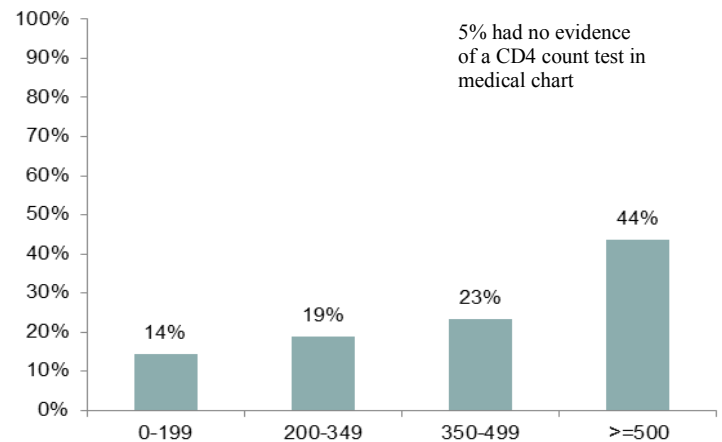
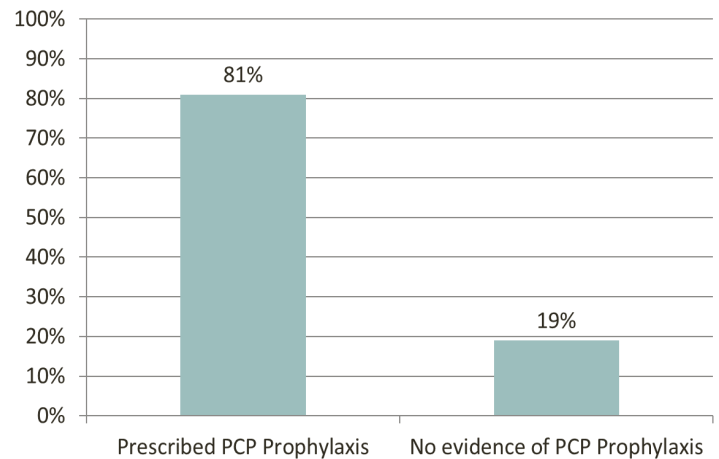


Figure 8. Co-morbidities in the Past 12 Months, Most Common Diagnoses, TX MMP, 2009-2010 (N=716)

Condition	# (%)
Hypertension	188 (26%)
Lipid Disorders	162 (24%)
Depression	149 (21%)
Upper Respiratory Infection	79 (11%)
Anxiety Disorder	77 (11%)
Hepatitis, not specified	67 (9%)
Diarrhea, not specified	67 (8%)
Diabetes Mellitus	60 (8%)
GERD (Gastro Esophageal Reflux Disease)	58 (8%)
Asthma	40 (5%)
Neuropathy, peripheral	40 (5%)

Figure 11. PCP Prophylaxis in the Past 12 Months For Sustained* CD4 Count <200, TX MMP, 2009-2010 (n=108)



*Sustained CD4 count is a count that does not rise above 200 once it has fallen below. Of these patients, 19% were not prescribed PCP prophylaxis, according to medical chart.

Figure 9. AIDS Opportunistic Infections in the Past 12 Months, Most Common Diagnoses, TX MMP, 2009-2010 (n=66)

Opportunistic Infection (OI)	# (%)
Wasting syndrome, due to HIV	15 (22%)
Cytomegalovirus disease	11 (17%)
Pneumocystis jiroveci pneumonia (PCP)	11 (17%)
Candidiasis, esophageal	10 (12%)
Mycobacterium avium complex (MAC)	8 (12%)
Histoplasmosis, disseminated	8 (12%)

9% (n=66) of participants were diagnosed with an AIDS OI in the past 12 months.

Figure 12. Routine Screening in the Past 12 Months, TX MMP, 2009-2010 (N=716)

Screen Test	# (%)
Syphilis	333 (47%)
Chlamydia	87 (12%)
Gonorrhea	83 (12%)
Hepatitis A	167 (23%)
Hepatitis B	191 (27%)
Hepatitis C	197 (28%)
Anti-Toxoplasma IgG	67 (9%)



Why should I participate in MMP?

- MMP presents a unique opportunity to contribute to knowledge about HIV care in the U.S.
- Facility specific data request opportunities to supplement grants, reports & other data needs.

Texas MMP presentations:

1. 2nd Annual Dallas/Fort Worth Data Summit—Medical Monitoring Project, 04/25/2013
2. Adherence to HIV clinical treatment guidelines among healthcare providers in Texas, 2012 International AIDS Conference
3. Texas 2009 MMP: Antiretroviral data reliability and source agreement, 2012 International AIDS Conference
4. Sexual risk behaviors among persons in medical care for HIV in Texas, 2011 National HIV Prevention Conference

Texas MMP Website:

http://www.dshs.state.tx.us/hivstd/eps_mmp/MMP.shtm

CDC MMP Website:

<http://www.cdc.gov/hiv/prevention/ongoing/mmp/index.html>

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Questions about MMP?

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